## **CLAIMS**

We claim:

5 1. A compound of formula (I),

its enantiomers, diastereomers, or a pharmaceutically-acceptable salt, hydrate, or prodrug thereof, in which:

K is O or S;

Q is a bond, -C(=O)- or branched or straight chain  $C_{1-4}$ alkylene optionally substituted with one to two  $R_4$ ;

Ar is optionally-substituted aryl or heteroaryl;

 $J_1$  is a bond,  $-N(R_5)$ -, or  $-C(R_{6a}R_{7a})$ -;

 $J_2$  is -N(R<sub>5</sub>)- or -C(R<sub>6b</sub>R<sub>7b</sub>)-;

15 J<sub>3</sub> is  $-N(R_5)$ - or  $-C(R_{6c}R_{7c})$ -;

provided, however, that only one of  $J_1$ ,  $J_2$  and  $J_3$  may be  $-N(R_5)$ -, so that ring A is a five-to-six membered cycloalkyl or heterocyclo ring having from 0 to 2 heteroatoms;

Y is N or  $C(R_8)$ ;

Z is N or  $C(R_9)$ ;

 $R_1$  is selected from hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkenyl, -  $OR_{10}$ , - $NR_{10}R_{11}$ , - $C(=O)R_{10}$ , - $CO_2R_{10}$ , - $C(=O)NR_{10}R_{11}$ , - $S(O)_pR_{11a}$ , -  $SO_2NR_{10}R_{11}$ , cycloalkyl, heterocyclo, aryl, and heteroaryl;

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- $R_2$  and  $R_3$  are independently selected from hydrogen, halogen, nitro, cyano, alkyl, substituted alkyl, alkenyl, substituted alkenyl,  $-SR_{12}$ ,  $-OR_{12}$ ,  $-NR_{12}R_{13}$ ,  $-CO_2R_{12}$ ,  $-C(=O)R_{12}$ ,  $-C(=O)NR_{12}R_{13}$ , aryl, heterocyclo, cycloalkyl, and heteroaryl;
- R<sub>4</sub> is selected from OH, O(C<sub>1-4</sub>alkyl), halogen, cyano, CF<sub>3</sub>, OCF<sub>3</sub>, NH<sub>2</sub>, NH(C<sub>1</sub>.

  4alkyl), and N(C<sub>1-4</sub>alkyl)<sub>2</sub>;
  - $R_5$  is selected from hydrogen, alkyl, substituted alkyl, alkenyl, substituted alkenyl, cyano,  $-OR_{14}$ ,  $-NR_{14}R_{15}$ ,  $-C(=O)R_{14}$ ,  $-CO_2R_{14}$ ,  $-C(=O)NR_{14}R_{15}$ ,  $-S(O)_pR_{15a}$ ,  $-SO_2NR_{14}R_{15}$  aryl, heterocyclo, cycloalkyl, and heteroaryl; or when  $R_5$  is joined to atom  $J_1$ ,  $J_2$  or  $J_3$ ,  $R_5$  may be taken together with one of  $R_{6a}$ ,  $R_{6b}$  or  $R_{6c}$  attached to an adjacent atom of ring A to form a fused heterocyclo or heteroaryl ring; or when  $R_5$  is joined to atom  $J_3$ ,  $R_5$  may be taken together with  $R_8$  to form a fused heterocyclo ring;
- $R_{6a}$ ,  $R_{6c}$ ,  $R_{7a}$ ,  $R_{7b}$ ,  $R_{7c}$  and  $R_8$  are independently selected from hydrogen, halogen, alkyl, substituted alkyl, alkenyl, substituted alkenyl, nitro, cyano,  $-SR_{16}$ ,  $-OR_{16}$ ,  $-NR_{16}R_{17}$ ,  $-C(=O)R_{16}$ ,  $-CO_2R_{16}$ ,  $-C(=O)NR_{16}R_{17}$ ,  $-NR_{16}C(=O)R_{17}$ ,  $-NR_{16}C(=O)R_{17}$ ,  $-NR_{16}SO_2R_{17a}$ ,  $-SO_2NR_{16}R_{17}$ , aryl, heterocyclo, cycloalkyl, and heteroaryl; or  $R_{6a}$  with  $R_{7a}$ , or  $R_{6b}$  with  $R_{7b}$ , or  $R_{6c}$  with  $R_{7c}$  are taken together to form a keto group (=O) or a spiro cycloalkyl or heterocyclo ring; or  $R_{6b}$  taken together with either  $R_{6a}$  or  $R_{6c}$  may form a fused benzo, cycloalkyl, heterocyclo, or heteroaryl ring; or  $R_{6c}$  taken together with  $R_8$  may form a fused cycloalkyl or heterocyclo;
  - R<sub>9</sub> is selected from hydrogen, halogen, nitro, cyano, alkyl, substituted alkyl, alkenyl, substituted alkenyl, -SR<sub>18</sub>, -OR<sub>18</sub>, -NR<sub>18</sub>R<sub>19</sub>, -CO<sub>2</sub>R<sub>18</sub>, -C(=O)R<sub>18</sub>, -C(=O)NR<sub>18</sub>R<sub>19</sub>, aryl, heterocyclo, cycloalkyl, and heteroaryl;
  - R<sub>10</sub>, R<sub>11</sub>, R<sub>12</sub>, R<sub>13</sub>, R<sub>14</sub>, R<sub>15</sub>, R<sub>16</sub>, R<sub>17</sub>, R<sub>18</sub>, and R<sub>19</sub> (i) are selected independently of each other from hydrogen, alkyl, substituted alkyl, cycloalkyl, aryl, heteroaryl, and heterocyclo; or (ii) any two of R<sub>10</sub>, R<sub>11</sub>, R<sub>12</sub>, R<sub>13</sub>, R<sub>14</sub>, R<sub>15</sub>, R<sub>16</sub>, R<sub>17</sub>, R<sub>18</sub>, and R<sub>19</sub> when attached to the same nitrogen atom may be taken together to form a heteroaryl or heterocyclo ring, with the remainder of R<sub>10</sub>, R<sub>11</sub>, R<sub>12</sub>, R<sub>13</sub>,

R<sub>14</sub>, R<sub>15</sub>, R<sub>16</sub>, R<sub>17</sub>, R<sub>18</sub>, and R<sub>19</sub> being selected independently from hydrogen, alkyl, substituted alkyl, cycloalkyl, aryl, heteroaryl, and heterocyclo;

R<sub>11a</sub>, R<sub>15a</sub>, and R<sub>17a</sub> are independently selected from alkyl, substituted alkyl, cycloalkyl, aryl, heteroaryl, and heterocyclo;

5 p is 1, 2, or 3; and

q is 1, 2, or 3.

2. A compound according to claim 1, or a pharmaceutically-acceptable salt, hydrate, prodrug, or enantiomer thereof, wherein:

K is O;

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Q is a  $-CH_2$ -;

Ar is phenyl optionally substituted one to three  $R_{20}$ ;

 $R_1 \text{ is selected from hydrogen, } C_{1\text{-}6}alkyl, -C(=O)H, -C(=O)(C_{1\text{-}6}alkyl), -CO_2H, -CO_2(C_{1\text{-}6}alkyl), or C_{1\text{-}6}alkyl substituted with one to two of hydroxy, <math>-O(C_{1\text{-}6}alkyl), -C(=O)H, -C(=O)(C_{1\text{-}6}alkyl), -CO_2H, -CO_2(C_{1\text{-}6}alkyl), -C(=O)NH_2, -C(=O)NH_2, -C(=O)NH(C_{1\text{-}4}alkyl), -C(=O)N(C_{1\text{-}4}alkyl)_2, -NH_2, -NH(C_{1\text{-}4}alkyl), and -N(C_{1\text{-}4}alkyl)_2;$ 

 $R_2$  and  $R_3$  are selected from halogen,  $(C_{1-4})$ alkyl, cyano, halo $(C_{1-4})$ alkyl, halo $(C_{1-4})$ alkoxy, nitro, phenyloxy, benzyloxy, and phenylthio;

R<sub>20</sub> at each occurrence is independently selected from halogen, C<sub>1-4</sub>alkyl, hydroxy, (C<sub>1-4</sub>)alkoxy, halo(C<sub>1-4</sub>)alkyl, halo(C<sub>1-4</sub>)alkoxy, cyano, nitro, -CO<sub>2</sub>H, -C(=O)H, -CO<sub>2</sub>(C<sub>1-4</sub>)alkyl, -C(=O) (C<sub>1-4</sub>)alkyl, -C(=O)NH(CH<sub>2</sub>)<sub>r</sub>CO<sub>2</sub>H, -C(=O)NH(CH<sub>2</sub>)<sub>r</sub>CO<sub>2</sub>(C<sub>1-4</sub>alkyl), and S(O)<sub>2</sub>(C<sub>1-4</sub>alkyl); or from phenyl, benzyl, phenyloxy, benzyloxy and heteroaryl in turn optionally substituted with one to two of halogen, C<sub>1-4</sub>alkyl, hydroxy, (C<sub>1-4</sub>)alkoxy, halo(C<sub>1-4</sub>)alkyl, halo(C<sub>1-4</sub>)alkoxy, cyano, nitro, -CO<sub>2</sub>H, -C(=O)H, -CO<sub>2</sub>(C<sub>1-4</sub>)alkyl, and/or -C(=O) (C<sub>1-4</sub>)alkyl; or alternatively, two R<sub>20</sub> groups join together with each other to form a fused benzo ring; and

30 r is 1, 2, 3, or 4.

3. A compound according to claim 2, or a pharmaceutically-acceptable salt, hydrate, prodrug, or enantiomer thereof, wherein

5  $J_1$  is a bond or -CHR<sub>6a</sub>-;

 $J_2$  is  $-CHR_{6b}$ -;

 $J_3$  is  $-CHR_{6c}$ -;

Y is  $C(R_8)$ ;

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R<sub>6a</sub>, R<sub>6b</sub>, R<sub>6c</sub> and R<sub>8</sub> are independently selected from

- a) hydrogen, halogen, and cyano;
  - b) -SR<sub>16</sub>, -OR<sub>16</sub>, -NR<sub>16</sub>R<sub>17</sub>, -C(=O)R<sub>16</sub>, -CO<sub>2</sub>R<sub>16</sub>, -C(=O)NR<sub>16</sub>R<sub>17</sub>, -NR<sub>16</sub>C(=O)R<sub>17</sub>, -NR<sub>16</sub>C(=O)OR<sub>17</sub>, -S(O)<sub>q</sub>R<sub>17a</sub>, -NR<sub>16</sub>SO<sub>2</sub>R<sub>17a</sub>, and -SO<sub>2</sub>NR<sub>16</sub>R<sub>17</sub>; and
  - c) C<sub>1-4</sub>alkyl, phenyl, four to seven membered heterocyclo, C<sub>3-7</sub>cycloalkyl, and five to six membered heteroaryl, each of which in turn is optionally substituted with one to two groups selected from R<sub>22</sub>;
- $R_{16}$  and  $R_{17}$  are selected independently of each other from hydrogen,  $C_{1-6}$ alkyl, phenyl, four to seven membered heterocyclo,  $C_{3-7}$ cycloalkyl, and five to six membered heteroaryl, each of which in turn is optionally substituted with one to two groups selected from  $R_{23}$ ;
- $R_{17a}$  is  $C_{1-6}$ alkyl, phenyl, four to seven membered heterocyclo,  $C_{3-7}$ cycloalkyl, five to six membered heteroaryl each of which is optionally substituted with one to two groups selected from  $R_{23}$ ; and
- R<sub>22</sub> and R<sub>23</sub> are at each occurrence selected independently from halogen, cyano, C<sub>1</sub>.

  4alkyl, hydroxy, trifluoromethyl, trifluoromethoxy, -O(C<sub>1-4</sub>alkyl), -C(=O)H, 
  C(=O)(C<sub>1-6</sub>alkyl), -CO<sub>2</sub>H, -CO<sub>2</sub>(C<sub>1-6</sub>alkyl), -C(=O)NH<sub>2</sub>, -C(=O)NH<sub>2</sub>, 
  C(=O)NH(C<sub>1-4</sub>alkyl), -C(=O)N(C<sub>1-4</sub>alkyl)<sub>2</sub>, -NH<sub>2</sub>, -NH(C<sub>1-4</sub>alkyl), -N(C<sub>1-4</sub>alkyl)<sub>2</sub>, hydroxy(C<sub>1-4</sub>)alkyl, methoxy(C<sub>1-4</sub>)alkyl, ethoxy(C<sub>1-4</sub>)alkyl, amino(C<sub>1-4</sub>alkyl, and halo(C<sub>1-4</sub>)alkyl.

- 4. A compound according to claim 1, or a pharmaceutically-acceptable salt, hydrate, prodrug, or enantiomer thereof, wherein:
- $R_1$  is hydrogen,  $C_{1-6}$ alkyl,  $-C(=O)(C_{1-6}$ alkyl), or  $C_{1-6}$ alkyl substituted with one of -C(=O)H,  $-C(=O)(C_{1-6}$ alkyl),  $-CO_2H$ , or  $-CO_2(C_{1-6}$ alkyl).
- 5. A compound according to claim 1, or a pharmaceutically-acceptable salt, hydrate, prodrug, or enantiomer thereof, wherein Q-Ar together form:

$$R_{20a}$$
 $R_{20a}$ 

wherein

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- R<sub>20a</sub> and R<sub>20b</sub> are independently selected from halogen, C<sub>1-4</sub>alkyl, hydroxy, (C<sub>1</sub>.

  4)alkoxy, halo(C<sub>1-4</sub>)alkyl, halo(C<sub>1-4</sub>)alkoxy, cyano, nitro, -CO<sub>2</sub>H, -C(=O)H, 
  CO<sub>2</sub>(C<sub>1-4</sub>)alkyl, -C(=O) (C<sub>1-4</sub>)alkyl, -C(=O)NH(CH<sub>2</sub>)<sub>r</sub>CO<sub>2</sub>H, 
  C(=O)NH(CH<sub>2</sub>)<sub>r</sub>CO<sub>2</sub>(C<sub>1-4</sub>alkyl), and S(O)<sub>2</sub>(C<sub>1-4</sub>alkyl); or from phenyl, benzyl, phenyloxy, benzyloxy and heteroaryl in turn optionally substituted with one to two of halogen, C<sub>1-4</sub>alkyl, hydroxy, (C<sub>1-4</sub>)alkoxy, halo(C<sub>1-4</sub>)alkyl, halo(C<sub>1</sub>.

  4)alkoxy, cyano, nitro, -NH<sub>2</sub>, -NH(C<sub>1-4</sub>alkyl), -N(C<sub>1-4</sub>alkyl)<sub>2</sub>, -CO<sub>2</sub>H, -C(=O)H, -CO<sub>2</sub>(C<sub>1-4</sub>)alkyl, and/or -C(=O) (C<sub>1-4</sub>)alkyl; or alternatively, two R<sub>20b</sub> groups join together with each other or one R<sub>20b</sub> joins together with R<sub>20a</sub> to form a fused benzo ring;
- 20 n is 0, 1, or 2; and r is 1, 2, 3, or 4.

- 6. A compound according to claim 1, or a pharmaceutically-acceptable salt, hydrate, prodrug, or enantiomer thereof, wherein  $J_1$ ,  $J_2$  and  $J_3$  are each  $-CH_2$ -.
- 7. A compound according to claim 1, or a pharmaceutically-acceptable salt, hydrate, prodrug, or enantiomer thereof, wherein Y is CH.

- 8. A compound according to claim 1, or a pharmaceutically-acceptable salt, hydrate, prodrug, or enantiomer thereof, wherein R<sub>2</sub> and R<sub>3</sub> are both halogen.
- 9. A compound according to claim 1, or a pharmaceutically-acceptable salt, hydrate, prodrug, or enantiomer thereof, wherein Z is CH.
- 10. A compound having the formula (Ia),

$$R_3$$
 $N$ 
 $(R_6)_s$ 
 $R_1$ 
 $(Ia),$ 

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its enantiomers, diastereomers, or a pharmaceutically-acceptable salt, hydrate, solvate, or prodrug thereof, in which:

Q is 
$$-C(=O)$$
- or  $-(CHR_{4a})_{t}$ -

Ar is aryl or heteroaryl optionally substituted with one to three  $R_{20}$ ;

15 Y is N or  $C(R_8)$ ;

Z is N or  $C(R_9)$ ;

 $R_1 \text{ is selected from hydrogen, } C_{1-6} \text{alkyl, -C(=O)H, -C(=O)(C_{1-6} \text{alkyl), -CO}_2\text{H, -}} \\ CO_2(C_{1-6} \text{alkyl}), \text{ or } C_{1-6} \text{alkyl substituted with one to two of hydroxy, -O(C}_1. \\ \text{6alkyl), -C(=O)H, -C(=O)(C_{1-6} \text{alkyl), -CO}_2\text{H, -CO}_2(C_{1-6} \text{alkyl), -C(=O)NH}_2, -C(=O)\text{NH}_2, -C(=O)\text{NH}_2, -C(=O)\text{NH}(C_{1-4} \text{alkyl}), -C(=O)\text{N(C}_{1-4} \text{alkyl})_2, -\text{NH}_2, -\text{NH}(C_{1-4} \text{alkyl})_2, \\ \text{4alkyl), and -N(C_{1-4} \text{alkyl})_2;} \\ \\$ 

R<sub>2</sub> and R<sub>3</sub> are independently selected from halogen, (C<sub>1-4</sub>)alkyl, cyano, halo(C<sub>1-4</sub>)alkyl, halo(C<sub>1-4</sub>)alkoxy, nitro, phenyloxy, benzyloxy, and phenylthio;

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- R<sub>4a</sub> is selected from hydrogen, OH, O(CH<sub>3</sub>), O(CH<sub>2</sub>CH<sub>3</sub>), halogen, cyano, CF<sub>3</sub>, OCF<sub>3</sub>, NH<sub>2</sub>, NH(CH<sub>3</sub>), and N(CH<sub>3</sub>)<sub>2</sub>;
- R<sub>6</sub> and R<sub>8</sub> at each occurrence are independently selected from (a) halogen, nitro, and cyano; or from (b) -SR<sub>16</sub>, -OR<sub>16</sub>, -NR<sub>16</sub>R<sub>17</sub>, -C(=O)R<sub>16</sub>, -CO<sub>2</sub>R<sub>16</sub>, -C(=O)NR<sub>16</sub>R<sub>17</sub>, -NR<sub>16</sub>C(=O)R<sub>17</sub>, -NR<sub>16</sub>C(=O)OR<sub>17</sub>, -S(O)<sub>q</sub>R<sub>17a</sub>, -NR<sub>16</sub>SO<sub>2</sub>R<sub>17a</sub>, and -SO<sub>2</sub>NR<sub>16</sub>R<sub>17</sub>; or from (c) alkyl, alkenyl, aryl, heterocyclo, cycloalkyl, and heteroaryl, in turn optionally substituted with one to two groups selected from R<sub>22</sub>; and/or (d) two R<sub>6</sub> groups taken together form keto (=O), with the remainder of the R<sub>6</sub> groups selected from (a), (b), and (c);
- R<sub>9</sub> is selected from hydrogen, halogen, nitro, cyano, alkyl, substituted alkyl, alkenyl, substituted alkenyl, -SR<sub>18</sub>, -OR<sub>18</sub>, -NR<sub>18</sub>R<sub>19</sub>, -CO<sub>2</sub>R<sub>18</sub>, -C(=O)R<sub>18</sub>, -C(=O)NR<sub>18</sub>R<sub>19</sub>, aryl, heterocyclo, cycloalkyl, and heteroaryl;
  - R<sub>16</sub> and R<sub>17</sub> are selected independently of each other from hydrogen, C<sub>1-6</sub>alkyl, phenyl, four to seven membered heterocyclo, C<sub>3-7</sub>cycloalkyl, and five to six membered heteroaryl, each of which in turn is optionally substituted with one to two groups selected from R<sub>23</sub>;
  - $R_{17a}$  is  $C_{1-6}$ alkyl, phenyl, four to seven membered heterocyclo,  $C_{3-7}$ cycloalkyl, five to six membered heteroaryl each of which is optionally substituted with one to two groups selected from  $R_{23}$ ;
- R<sub>20</sub> at each occurrence is selected from halogen, C<sub>1-6</sub>alkyl, hydroxy, (C<sub>1-4</sub>)alkoxy, (C<sub>1-4</sub>)alkylthio, cyano, nitro, -CO<sub>2</sub>H, -C(=O)H, -CO<sub>2</sub>(C<sub>1-4</sub>)alkyl, -C(=O) (C<sub>1-4</sub>)alkyl, -C(=O)NH(CH<sub>2</sub>)<sub>r</sub>CO<sub>2</sub>H, -C(=O)NH(CH<sub>2</sub>)<sub>r</sub>CO<sub>2</sub>(C<sub>1-4</sub>alkyl), S(O)<sub>2</sub>(C<sub>1-4</sub>alkyl), phenyl, benzyl, phenyloxy, benzyloxy, five to six membered heteroaryl, C<sub>3-7</sub>cycloalkyl, and four to seven membered heterocyclo, wherein each of the alkyl, alkoxy, and cyclic groups in turn are optionally substituted with one to three of R<sub>24</sub>;
  - $R_{22}$ ,  $R_{23}$  and  $R_{24}$  are at each occurrence selected independently from halogen, cyano, nitro,  $C_{1\text{-}6}$ alkyl, hydroxy, trifluoromethyl, trifluoromethoxy,  $-O(C_{1\text{-}6}$ alkyl), C(=O)H,  $-C(=O)(C_{1\text{-}6}$ alkyl),  $-CO_2H$ ,  $-CO_2(C_{1\text{-}6}$ alkyl),  $-C(=O)NH_2$ ,  $C(=O)NH_2$ ,  $C(=O)NH(C_{1\text{-}4}$ alkyl),  $-C(=O)N(C_{1\text{-}4}$ alkyl)<sub>2</sub>,  $-NH_2$ ,  $-NH(C_{1\text{-}4}$ alkyl)<sub>2</sub>,  $-NH_2$ ,  $-NH(C_{1\text{-}4}$ alkyl)<sub>3</sub>,  $-C(=O)N(C_{1\text{-}4}$ alkyl)<sub>4</sub> alkyl)<sub>5</sub>,  $-NH_2$ ,  $-NH_2$ ,

4alkyl), -N( $C_{1-4}$ alkyl)<sub>2</sub>, hydroxy( $C_{1-4}$ )alkyl, methoxy( $C_{1-4}$ )alkyl, ethoxy( $C_{1-4}$ )alkyl, amino( $C_{1-4}$ )alkyl, and halo( $C_{1-4}$ )alkyl;

*m* is 0 or 1;

p and q are independently 1, 2, or 3;

- r and s are 0, 1, 2, 3 or 4; and t is 0, 1 or 2.
  - 11. A compound according to claim 10 having the formula,

$$R_3$$
 $R_2$ 
 $Y$ 
 $R_6$ )<sub>s</sub>
 $R_{1}$ 
 $R_{20a}$ 

or a pharmaceutically-acceptable salt, hydrate, solvate, or prodrug thereof, in which:

R<sub>20a</sub> and R<sub>20b</sub> are independently selected from halogen, C<sub>1-4</sub>alkyl, hydroxy, (C<sub>1</sub>.

4)alkoxy, halo(C<sub>1-4</sub>)alkyl, halo(C<sub>1-4</sub>)alkoxy, cyano, nitro, -CO<sub>2</sub>H, -C(=O)H, CO<sub>2</sub>(C<sub>1-4</sub>)alkyl, -C(=O) (C<sub>1-4</sub>)alkyl, -C(=O)NH(CH<sub>2</sub>)<sub>r</sub>CO<sub>2</sub>H, C(=O)NH(CH<sub>2</sub>)<sub>r</sub>CO<sub>2</sub>(C<sub>1-4</sub>alkyl), and S(O)<sub>2</sub>(C<sub>1-4</sub>alkyl); or from phenyl, benzyl, phenyloxy, benzyloxy and heteroaryl in turn optionally substituted with one to two of halogen, C<sub>1-4</sub>alkyl, hydroxy, (C<sub>1-4</sub>)alkoxy, halo(C<sub>1-4</sub>)alkyl, halo(C<sub>1</sub>.

4)alkoxy, cyano, nitro, -NH<sub>2</sub>, -NH(C<sub>1-4</sub>alkyl), -N(C<sub>1-4</sub>alkyl)<sub>2</sub>, -CO<sub>2</sub>H, -C(=O)H, -CO<sub>2</sub>(C<sub>1-4</sub>)alkyl, and/or -C(=O) (C<sub>1-4</sub>)alkyl; or alternatively, two R<sub>20b</sub> groups join together with each other or one R<sub>20b</sub> joins together with R<sub>20a</sub> to form a fused benzo ring; and

n is 0, 1 or 2.

12. A compound according to claim 11, or a pharmaceutically-acceptable salt, hydrate, prodrug, or enantiomer thereof, in which  $R_1$  is  $C_{1-4}$  alkyl.

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- 13. A compound according to claim 11, or a pharmaceutically-acceptable salt, hydrate, prodrug, or enantiomer thereof, in which R<sub>2</sub> and R<sub>3</sub> are both halogen.
- 14. A compound according to claim 11, or a pharmaceutically-acceptable salt, 5 hydrate, prodrug, or enantiomer thereof, in which R<sub>20a</sub> is cyano or halogen.
  - 15. A compound according to claim 11, or a pharmaceutically-acceptable salt, hydrate, prodrug, or enantiomer thereof, having the formula,

$$CI$$
 $CI$ 
 $N$ 
 $R_1$ 
 $R_{20a}$ 

- 16. A compound according to claim 15, or a pharmaceutically-acceptable salt, hydrate, prodrug, or enantiomer thereof, in which Z is CH,  $R_1$  is methyl or ethyl, and  $R_{20a}$  is cyano or halogen.
- 15 17. A pharmaceutical composition comprising at least one compound according to claim 1 and a pharmaceutically acceptable carrier or diluent.
  - 18. A pharmaceutical composition comprising at least one compound according to claim 10 and a pharmaceutically acceptable carrier or diluent.
- 20 19. A method of inhibiting an LFA-1/ICAM-associated condition in a mammal comprising administering to the mammal a therapeutically-effective amount of a compound according to claim 1.

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20. The method of claim 19 in which LFA-1/ICAM-associated condition is selected from acute or chronic graft vs host reactions, acute or chronic transplant rejection, multiple sclerosis, rheumatoid arthritis, psoriatic arthritis, osteoarthritis, osteoporosis, diabetes, cystic fibrosis, inflammatory bowel disease, irritable bowel syndrome, Crohn's disease, ulcerative colitis, Alzheimer's disease, shock, ankylosing spondylitis, gastritis, conjunctivitis, pancreatis, multiple organ injury syndrome, myocardial infarction, atherosclerosis, stroke, reperfusion injury, acute glomerulonephritis, vasculitis, thermal injury, necrotizing enterocolitis, granulocyte transfusion associated syndrome, Sjogren's syndrome, eczema, atopic dermatitis, contact dermatitis, urticaria, schleroderma, psoriasis, asthma, pulmonary fibrosis, allergic rhinitis, oxygen toxicity, emphysema, chronic bronchitis, acute respiratory distress syndrome, chronic obstructive pulmonary disease (COPD), hepatitis B, hepatitis C, organ-tissue autoimmune disease, autoimmune thyroiditis, uveitis, systemic lupus erythematosis, Addison's disease, autoimmune polyglandular disease, and Grave's disease.